

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122017\
 Data File : BF101573.D
 Acq On : 20 Dec 2017 17:45
 Operator : SJ/JU
 Sample : I6682-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-01-121817-C

Quant Time: Dec 21 04:04:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

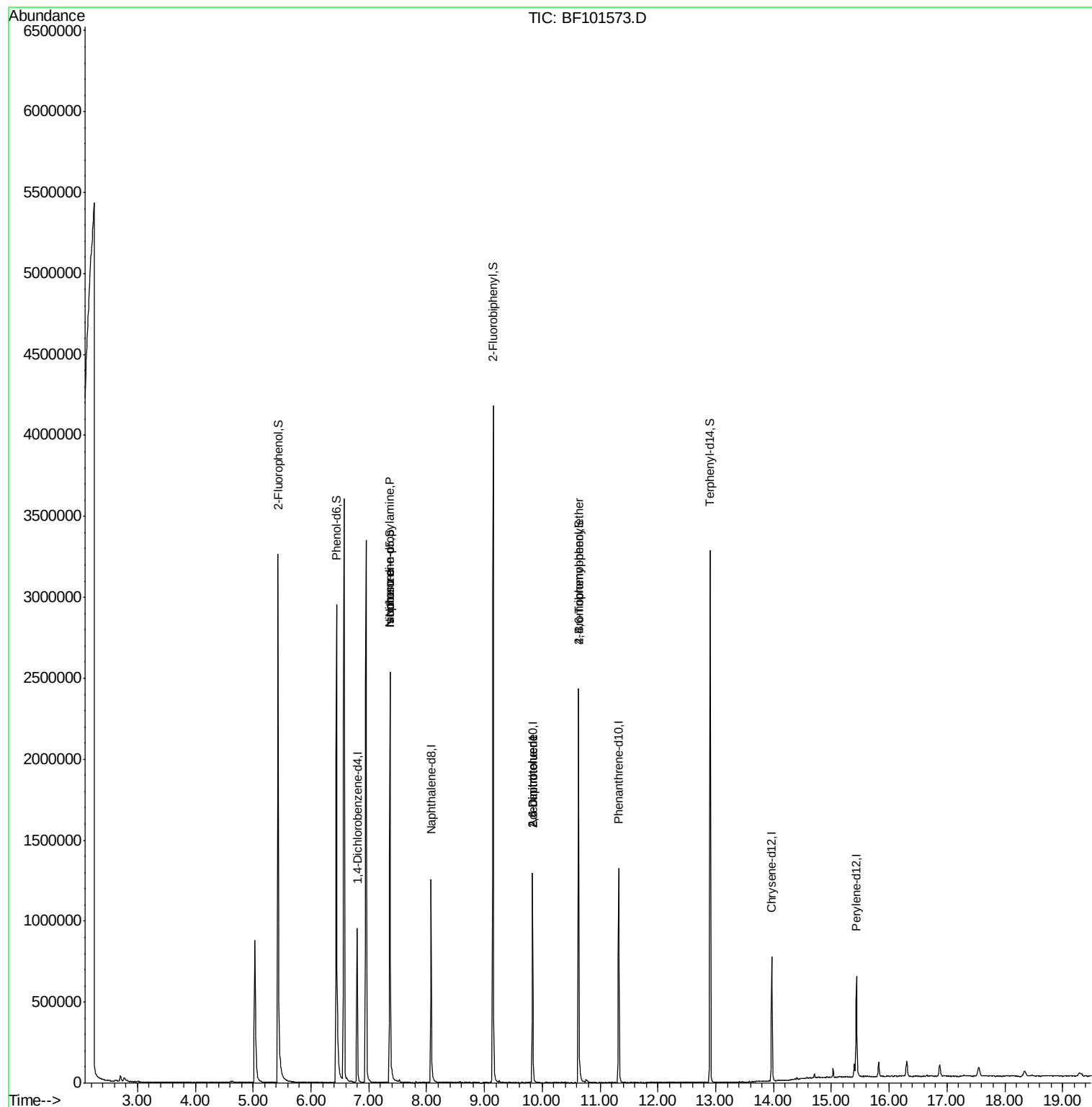
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	152239	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	612357	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	267289	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	474728	20.00	ng	0.00
75) Chrysene-d12	13.97	240	280938	20.00	ng	0.00
86) Perylene-d12	15.43	264	306179	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1118302	109.42	ng	0.02
7) Phenol-d6	6.44	99	1240270	97.51	ng	0.00
23) Nitrobenzene-d5	7.37	82	990700	90.06	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	322796	125.33	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1546369	89.75	ng	0.00
78) Terphenyl-d14	12.90	244	1247298	107.03	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	133589	15.993	ng	# 82
25) Isophorone	7.37	82	990700	44.893	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	33766	7.727	ng	# 26
56) 2,4-Dinitrotoluene	9.83	165	33766	6.859	ng	# 23
66) 4-Bromophenyl-phenylether	10.63	248	19623	3.679	ng	# 1

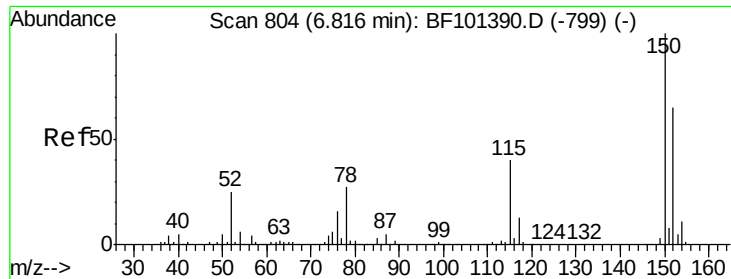
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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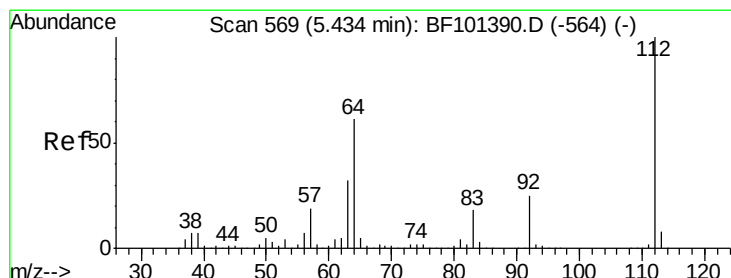
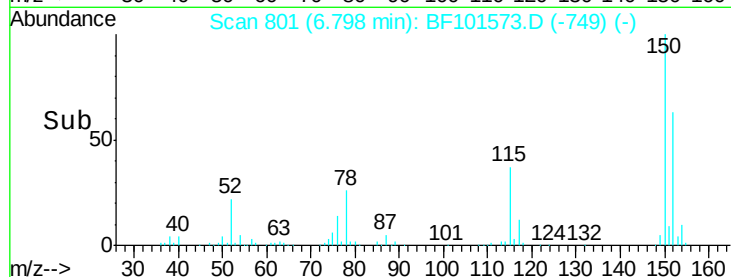
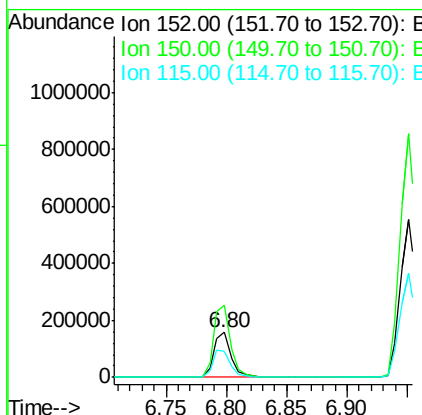
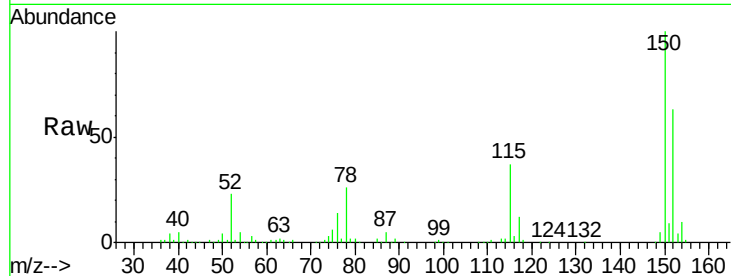


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF101573.D
Acq: 20 Dec 2017 17:45

Instrument :
BNA_F
ClientSampleId :
NB-01-121817-C

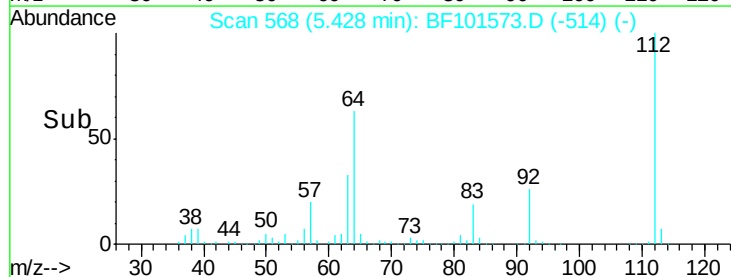
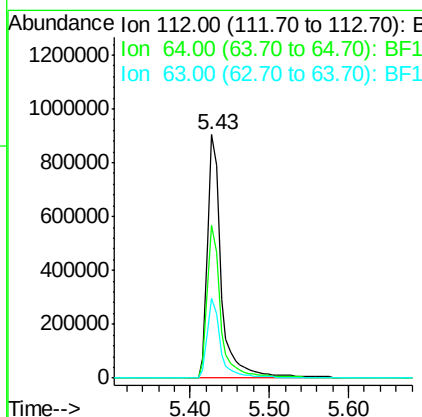
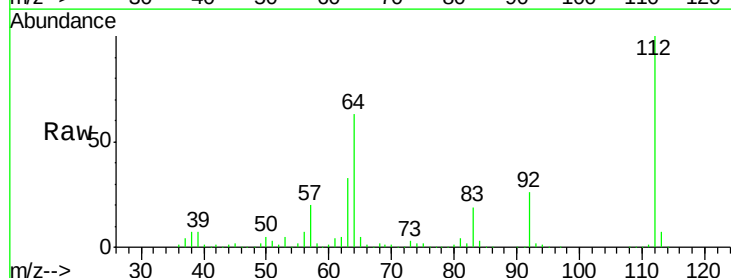
Tot Ion:152 Resp: 152239
Ion Ratio Lower Upper
152 100
150 159.0 124.6 186.8
115 59.1 50.1 75.1

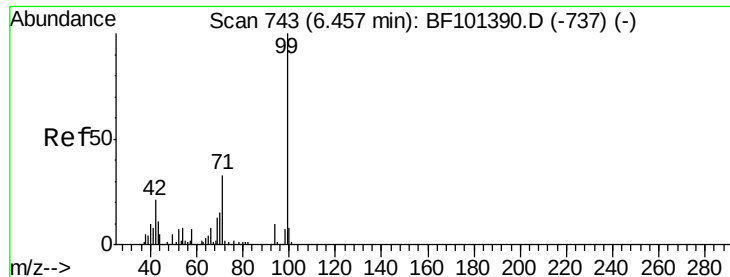


#5

2-Fluorophenol
Concen: 109.420 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF101573.D
Acq: 20 Dec 2017 17:45

Tgt Ion:112 Resp: 1118302
Ion Ratio Lower Upper
112 100
64 63.0 47.9 71.9
63 32.5 23.7 35.5





#7

Phenol-d6

Concen: 97.509 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF101573.D

Acq: 20 Dec 2017 17:45

Instrument :

BNA_F

ClientSampleId :

NB-01-121817-C

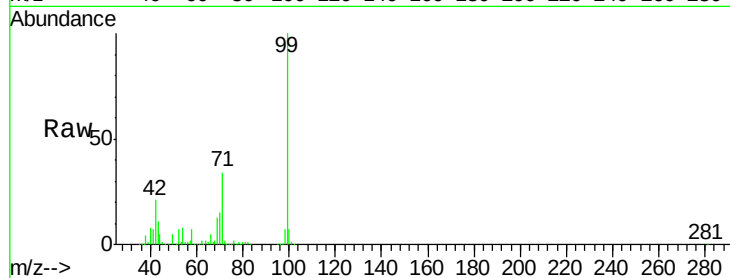
Tot Ion: 99 Resp: 1240270

Ion Ratio Lower Upper

99 100

42 21.1 14.5 21.7

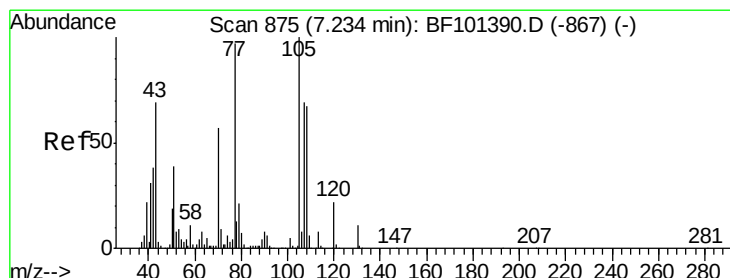
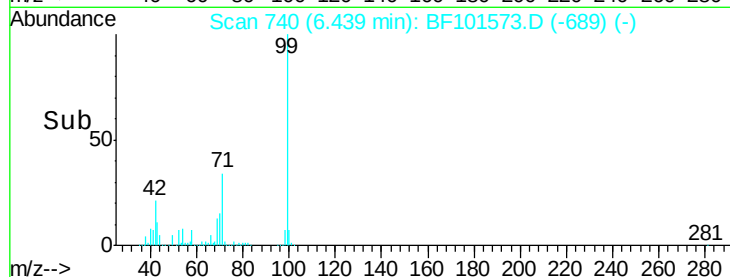
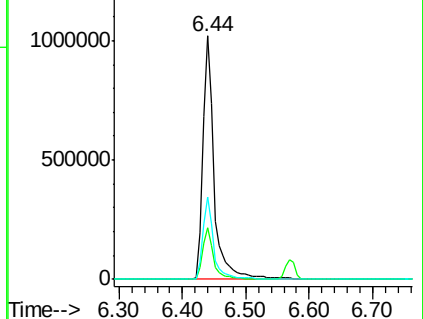
71 33.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 15.993 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.16 min

Lab File: BF101573.D

Acq: 20 Dec 2017 17:45

Tgt Ion: 70 Resp: 133589

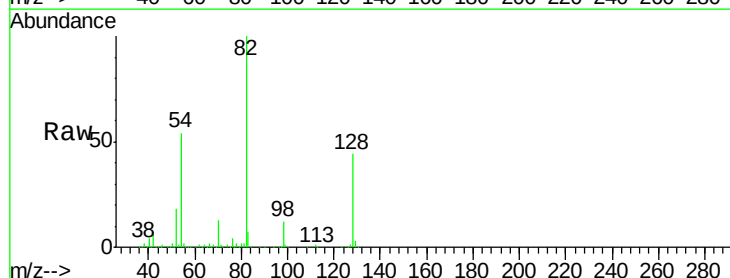
Ion Ratio Lower Upper

70 100

42 53.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

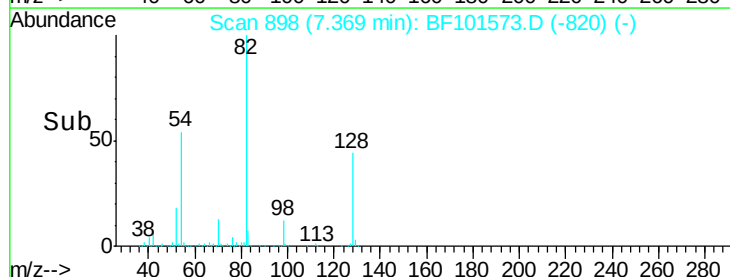
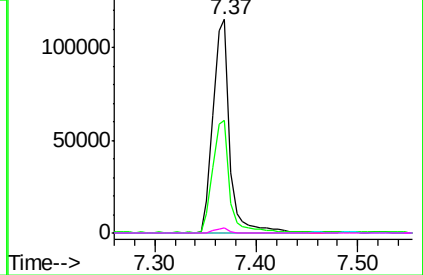


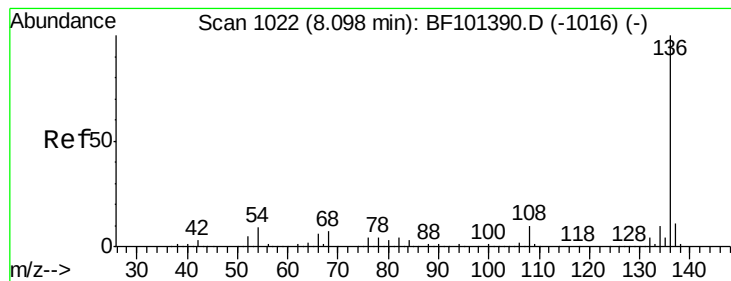
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF101573.D

Acq: 20 Dec 2017 17:45

Instrument :

BNA_F

ClientSampleId :

NB-01-121817-C

Tot Ion:136 Resp: 612357

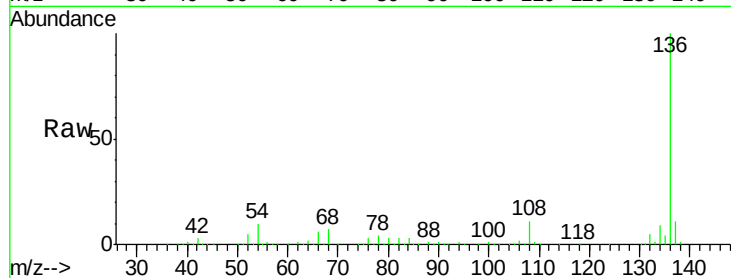
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 9.9 6.6 9.8#

68 6.9 5.0 7.4

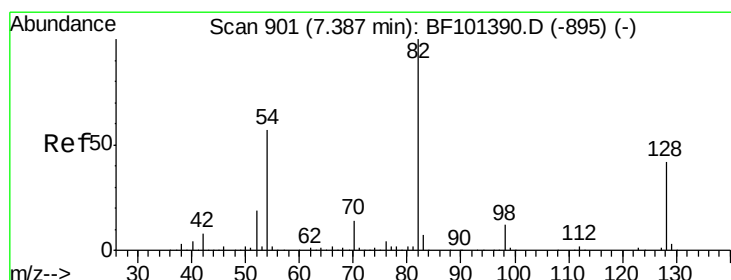
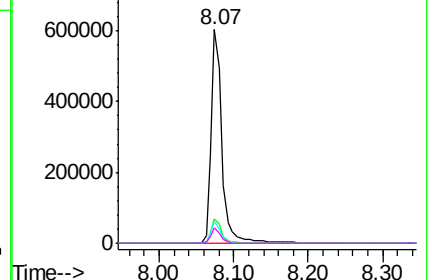
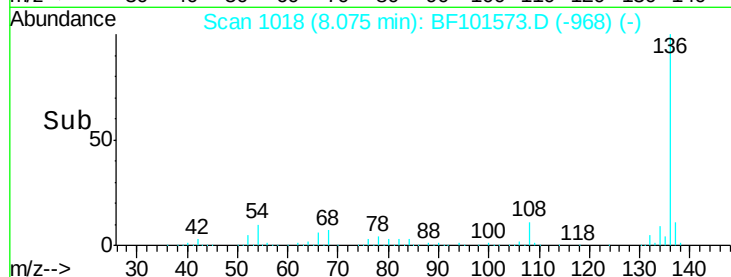


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 90.059 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.00 min

Lab File: BF101573.D

Acq: 20 Dec 2017 17:45

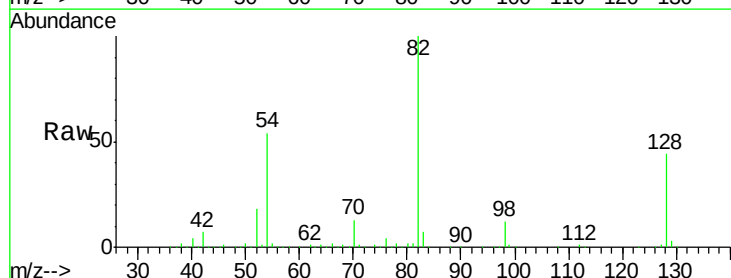
Tgt Ion: 82 Resp: 990700

Ion Ratio Lower Upper

82 100

128 44.1 36.1 54.1

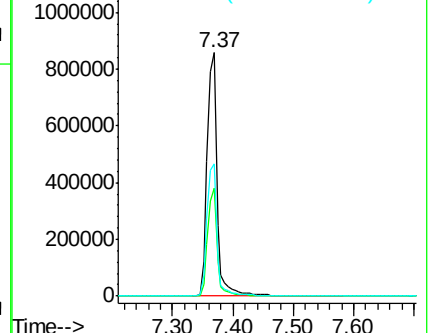
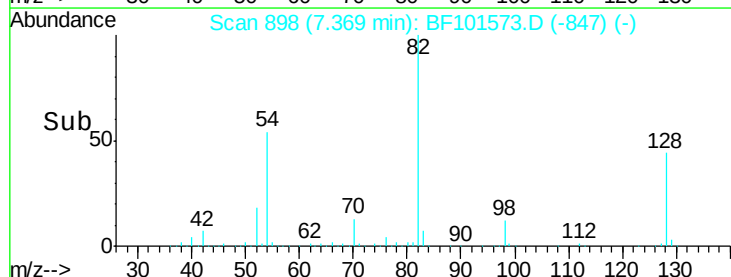
54 54.1 41.4 62.2

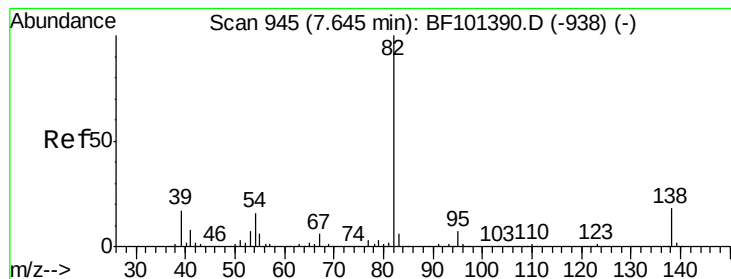


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 44.893 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.25 min

Lab File: BF101573.D

Acq: 20 Dec 2017 17:45

Instrument :

BNA_F

ClientSampleId :

NB-01-121817-C

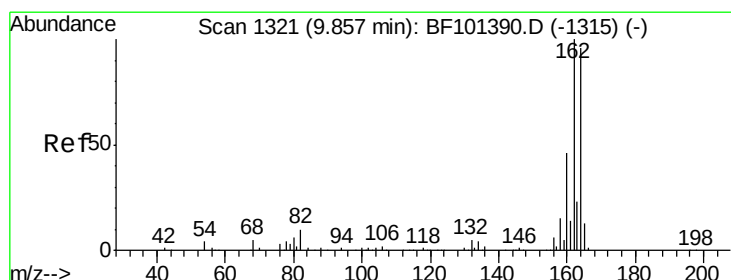
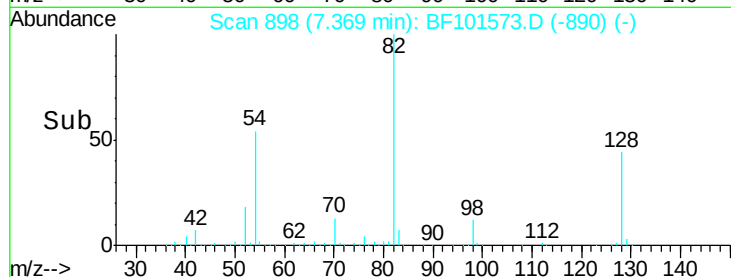
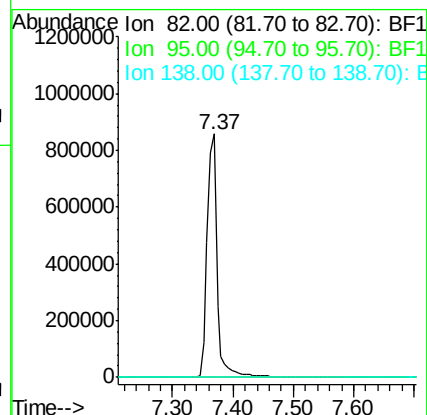
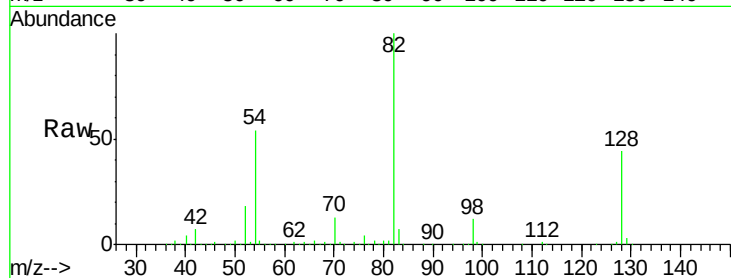
Tot Ion: 82 Resp: 990700

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BF101573.D

Acq: 20 Dec 2017 17:45

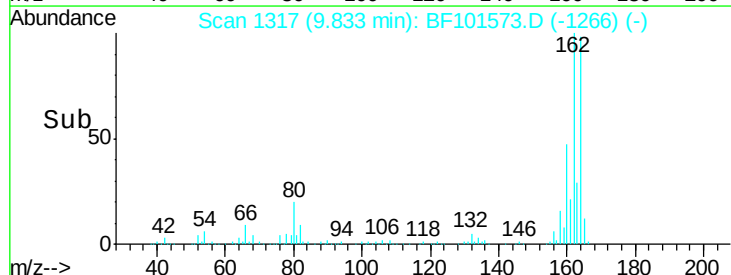
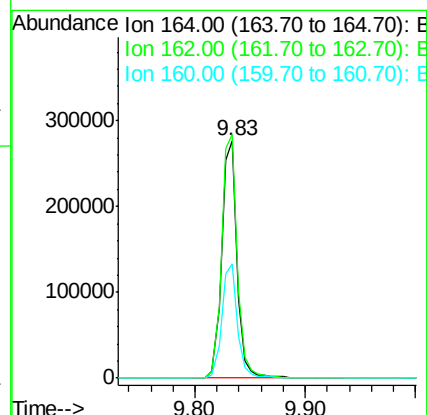
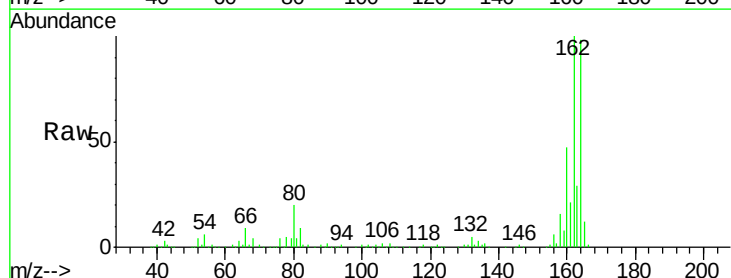
Tgt Ion: 164 Resp: 267289

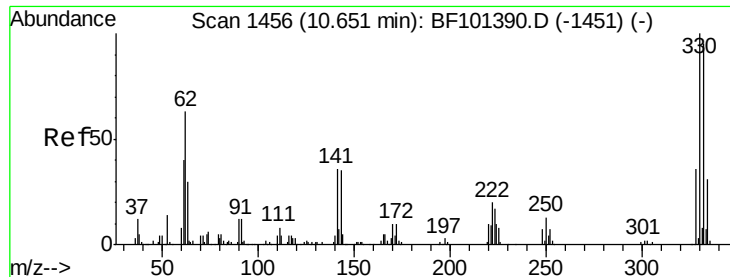
Ion Ratio Lower Upper

164 100

162 102.4 86.1 129.1

160 47.9 38.3 57.5

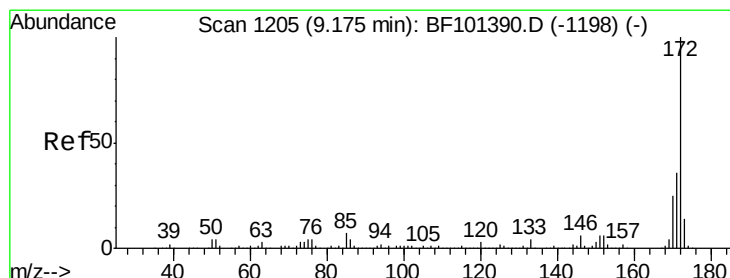
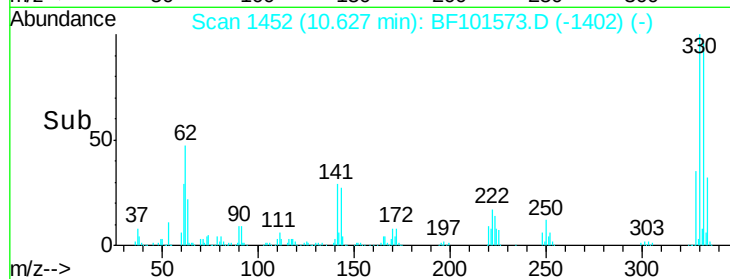
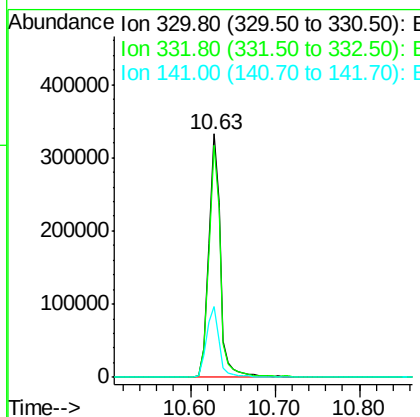
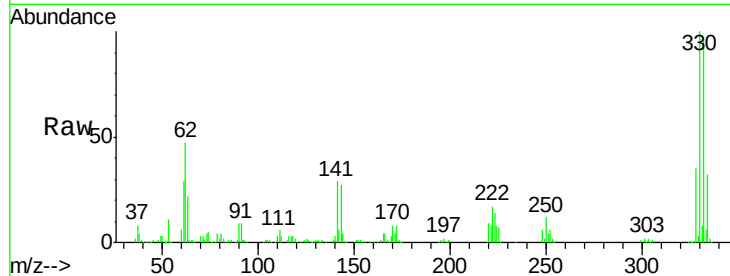




#41
 2,4,6-Tribromophenol
 Concen: 125.331 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101573.D
 Acq: 20 Dec 2017 17:45

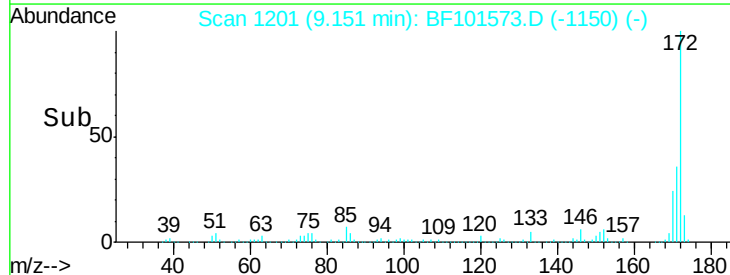
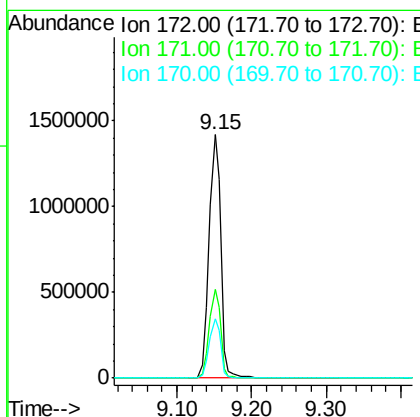
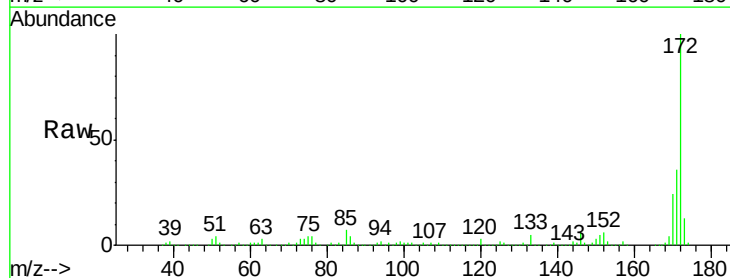
Instrument :
 BNA_F
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 NB-01-121817-C

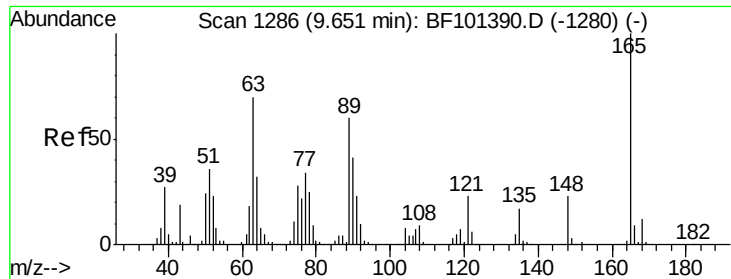
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.0	115.6
141	31.6	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 89.745 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF101573.D
 Acq: 20 Dec 2017 17:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.3	19.6	29.4

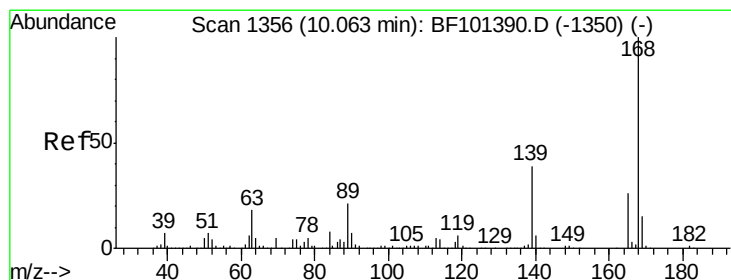
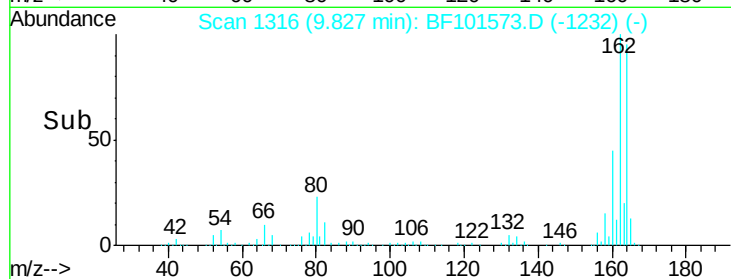
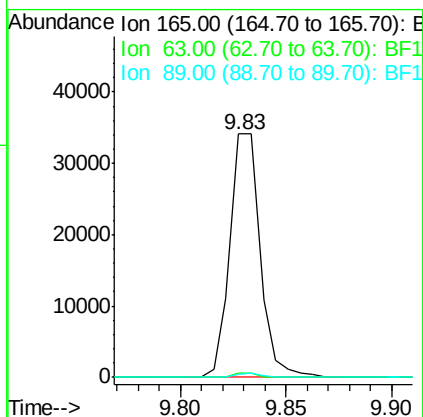
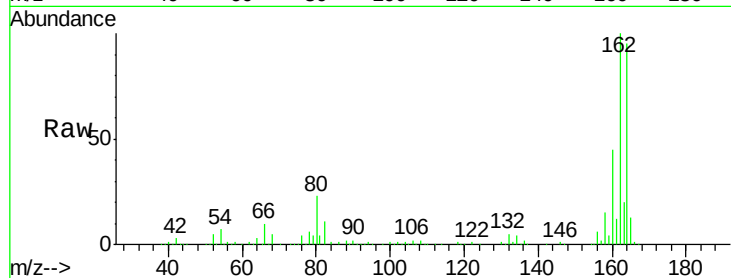




#50
 2,6-Dinitrotoluene
 Concen: 7.727 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.19 min
 Lab File: BF101573.D
 Acq: 20 Dec 2017 17:45

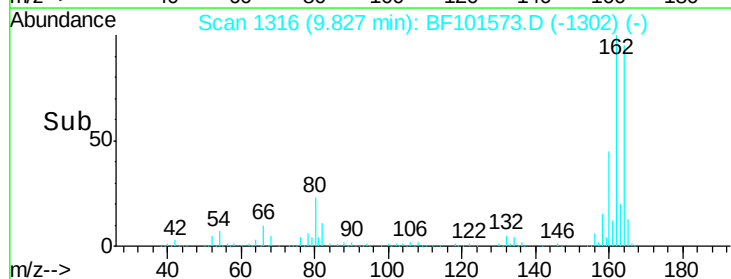
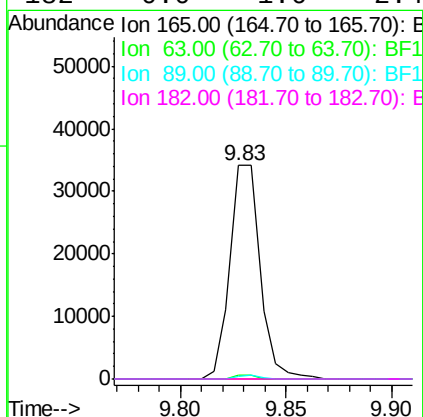
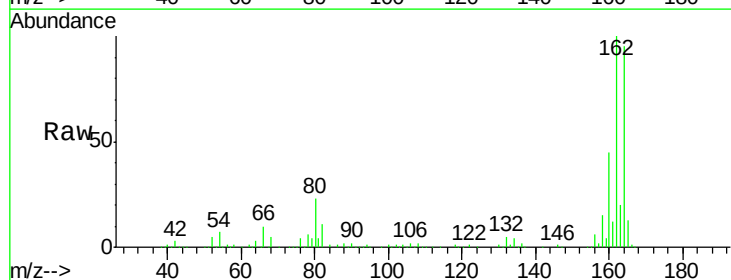
Instrument :
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 ClientSampleId :
 NB-01-121817-C

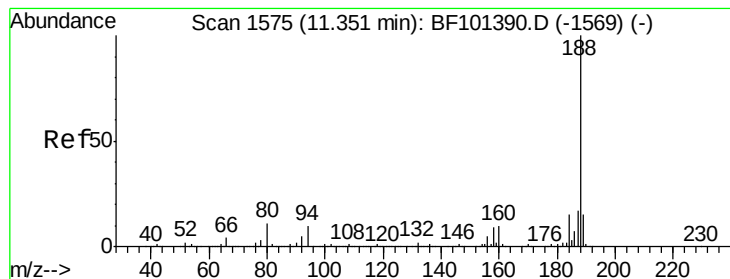
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.3	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.859 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.22 min
 Lab File: BF101573.D
 Acq: 20 Dec 2017 17:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BF101573.D

Acq: 20 Dec 2017 17:45

Instrument :

BNA_F

ClientSampleId :

NB-01-121817-C

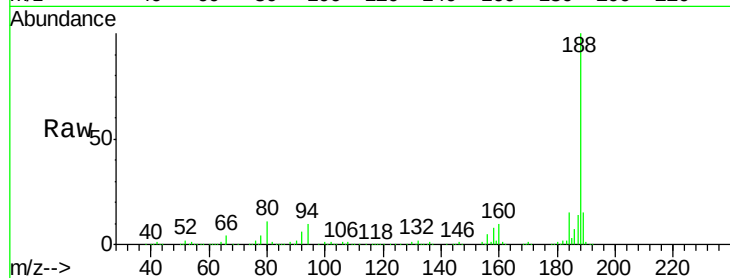
Tot Ion:188 Resp: 474728

Ion Ratio Lower Upper

188 100

94 10.2 8.5 12.7

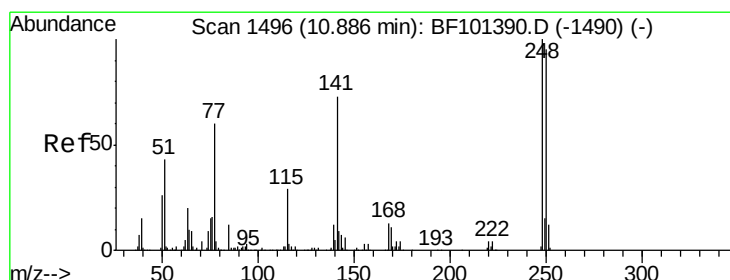
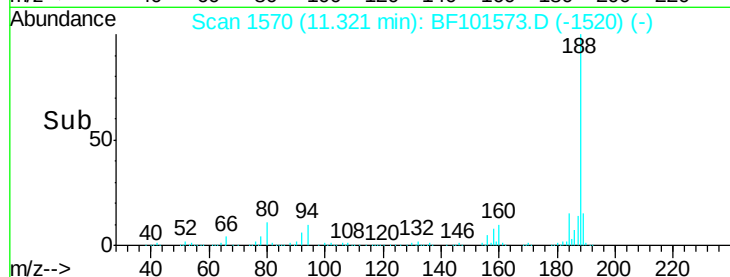
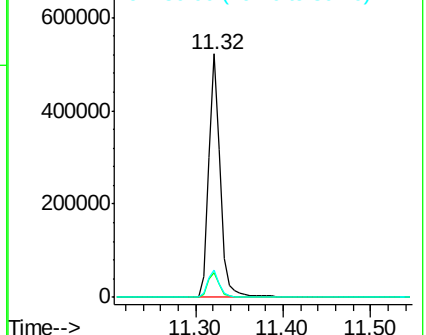
80 11.4 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#66

4-Bromophenyl-phenylether

Concen: 3.679 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.24 min

Lab File: BF101573.D

Acq: 20 Dec 2017 17:45

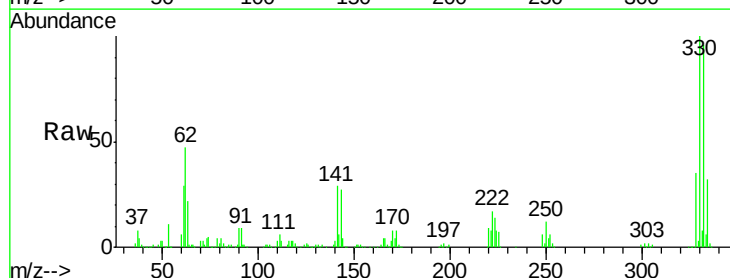
Tgt Ion:248 Resp: 19623

Ion Ratio Lower Upper

248 100

250 200.5 76.9 115.3#

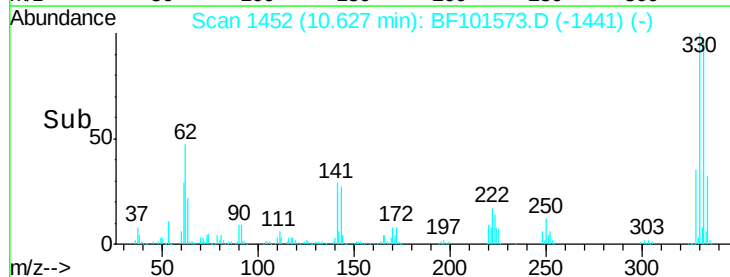
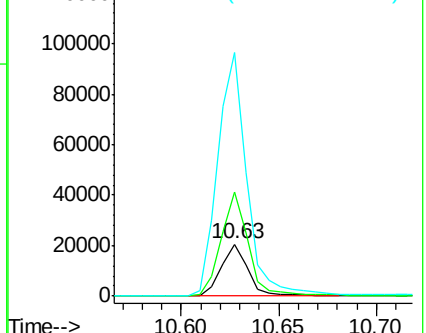
141 470.5 74.4 111.6#

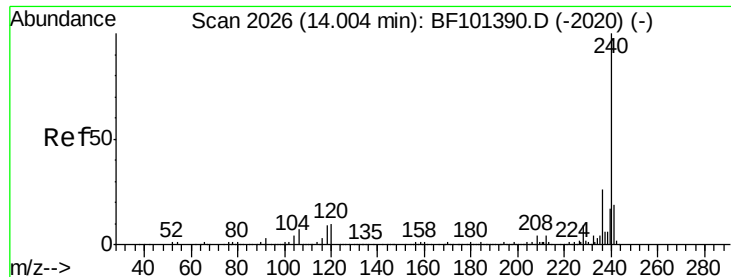


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF101573.D

Acq: 20 Dec 2017 17:45

Instrument :

BNA_F

ClientSampleId :

NB-01-121817-C

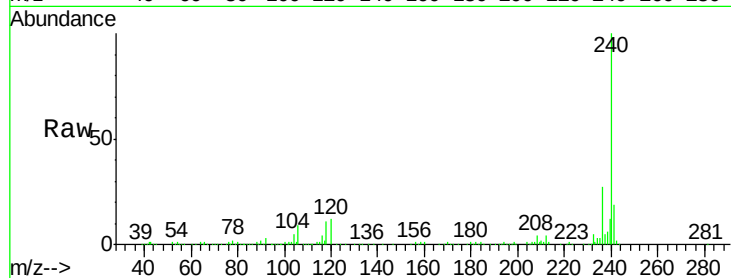
Tot Ion:240 Resp: 280938

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

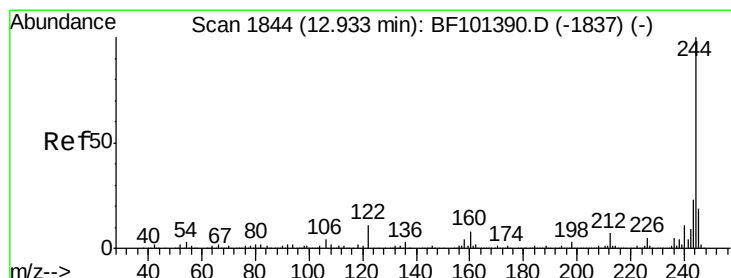
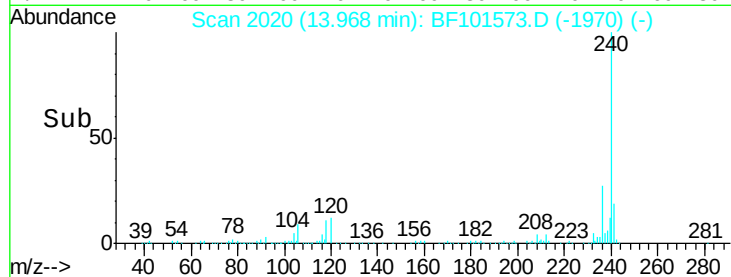
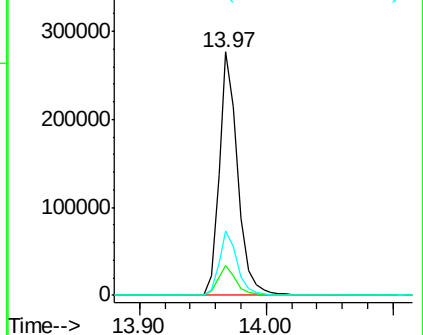
236 26.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 107.032 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101573.D

Acq: 20 Dec 2017 17:45

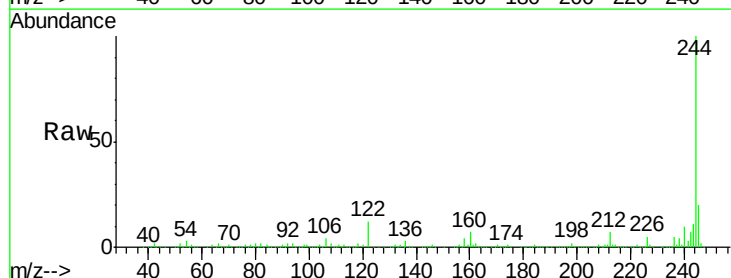
Tgt Ion:244 Resp: 1247298

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

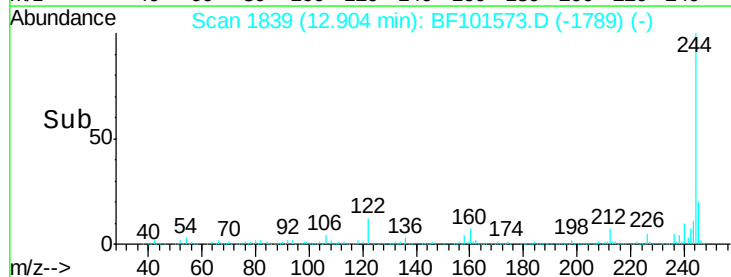
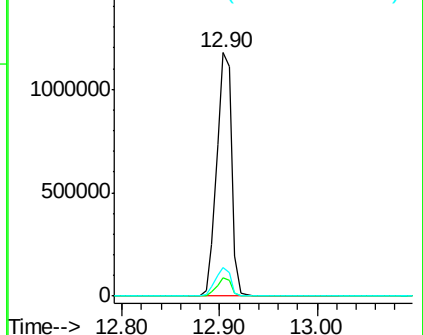
122 12.0 11.0 16.4

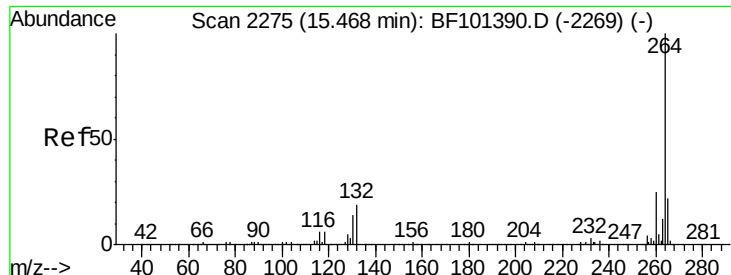


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.00 min
Lab File: BF101573.D
Acq: 20 Dec 2017 17:45

Instrument :
BNA_F
ClientSampleId :
NB-01-121817-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.9	17.5	26.3

